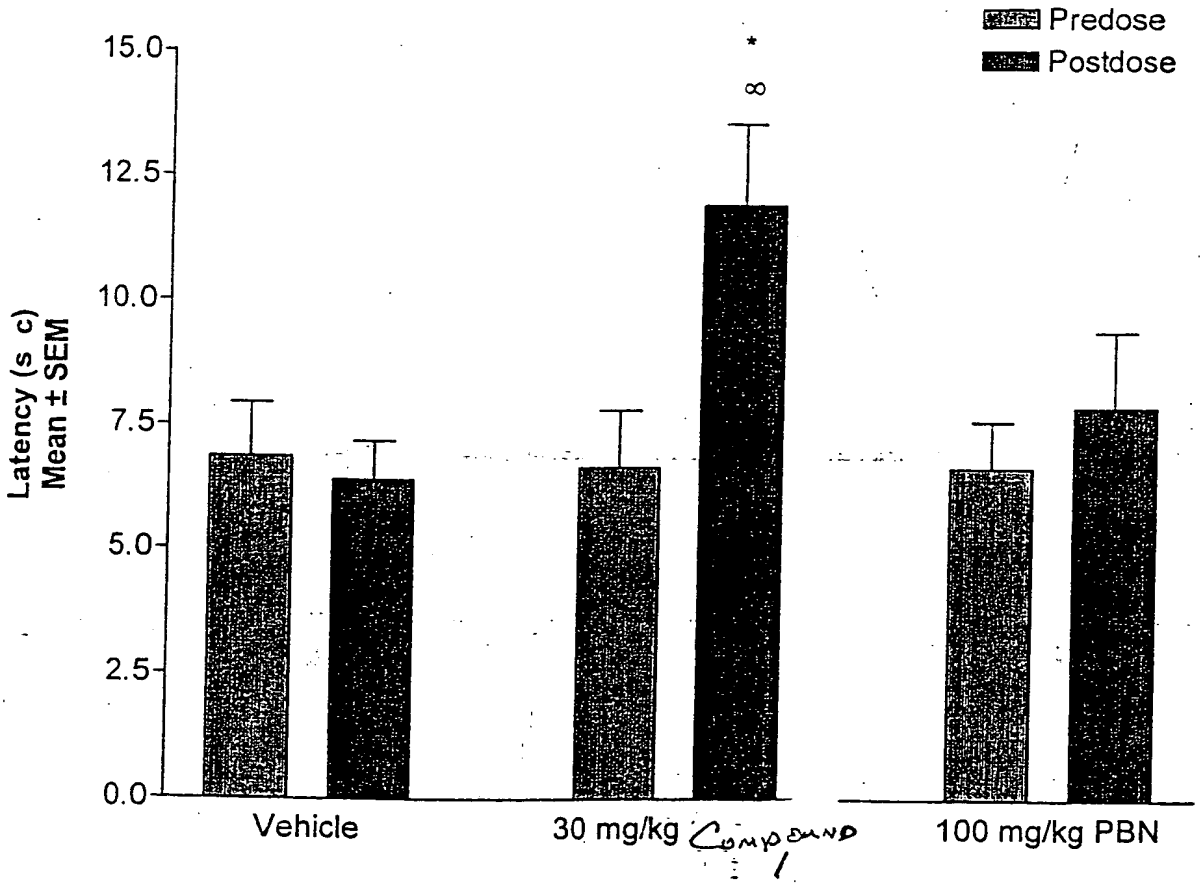

Predose
Postdose
Latency (s c)
Mean ± SEM
15.0
12.5
10.0
7.5
5.0
2.5
0.0
*
∞
Vehicle
30 mg/kg Compound 1
100 mg/kg PBN

Fig 1

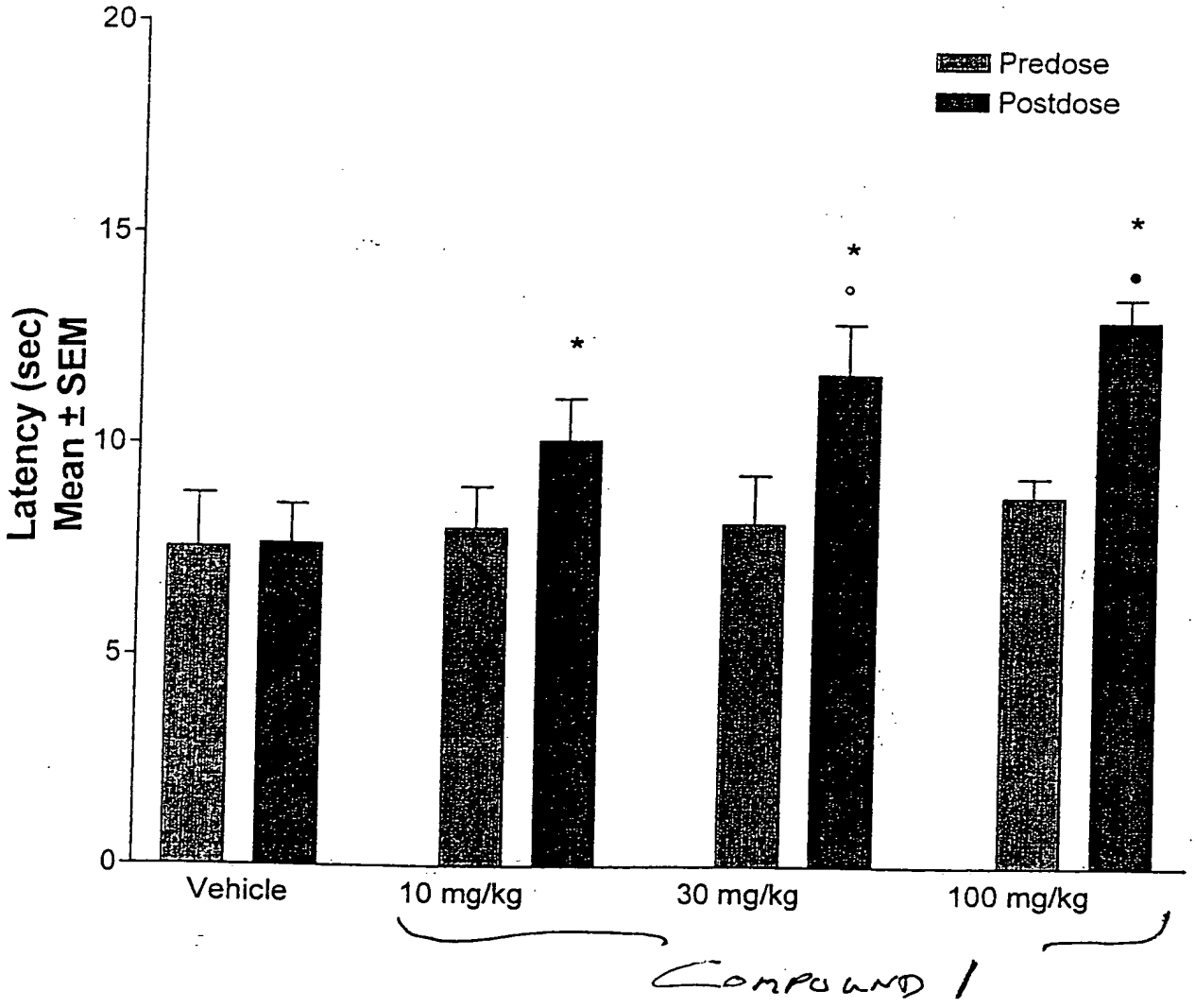

20
15
10
5
0
Latency (sec)
Mean ± SEM
Predose
Postdose
*
*
*
Vehicle
10 mg/kg
30 mg/kg
100 mg/kg
COMPOUND 1

Fig 2

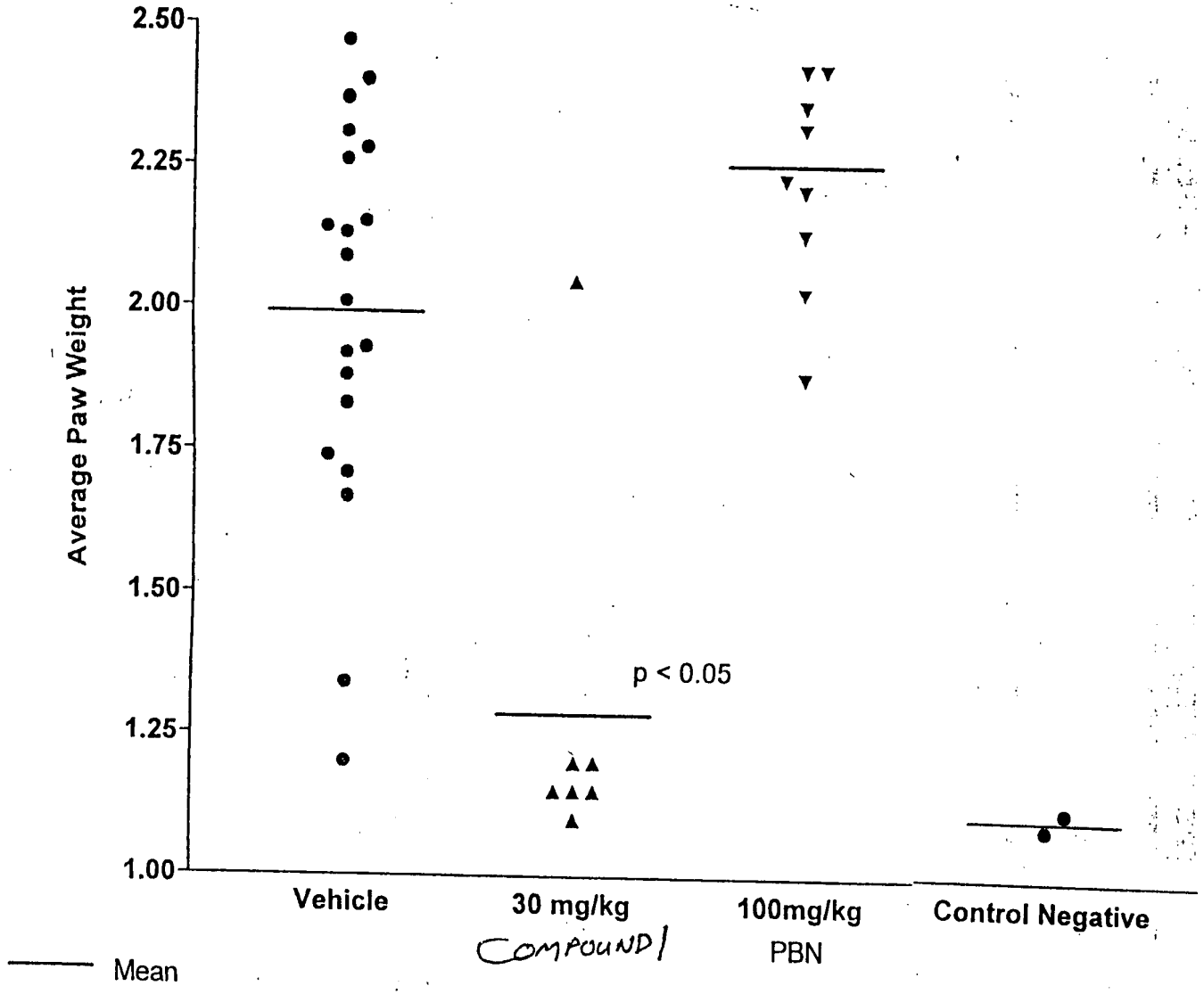

Average Paw Weight
2.50
2.25
2.00
1.75
1.50
1.25
1.00
p < 0.05
Vehicle
30 mg/kg
COMPOUND I
100mg/kg
PBN
Control Negative
Mean

Fig 3

Collagen Induced Arthritis in Female DA Rats
Compound I DecreasesTotal Gait Scores Which Indicate This Structure Has Analgesic Activity in Arthritis

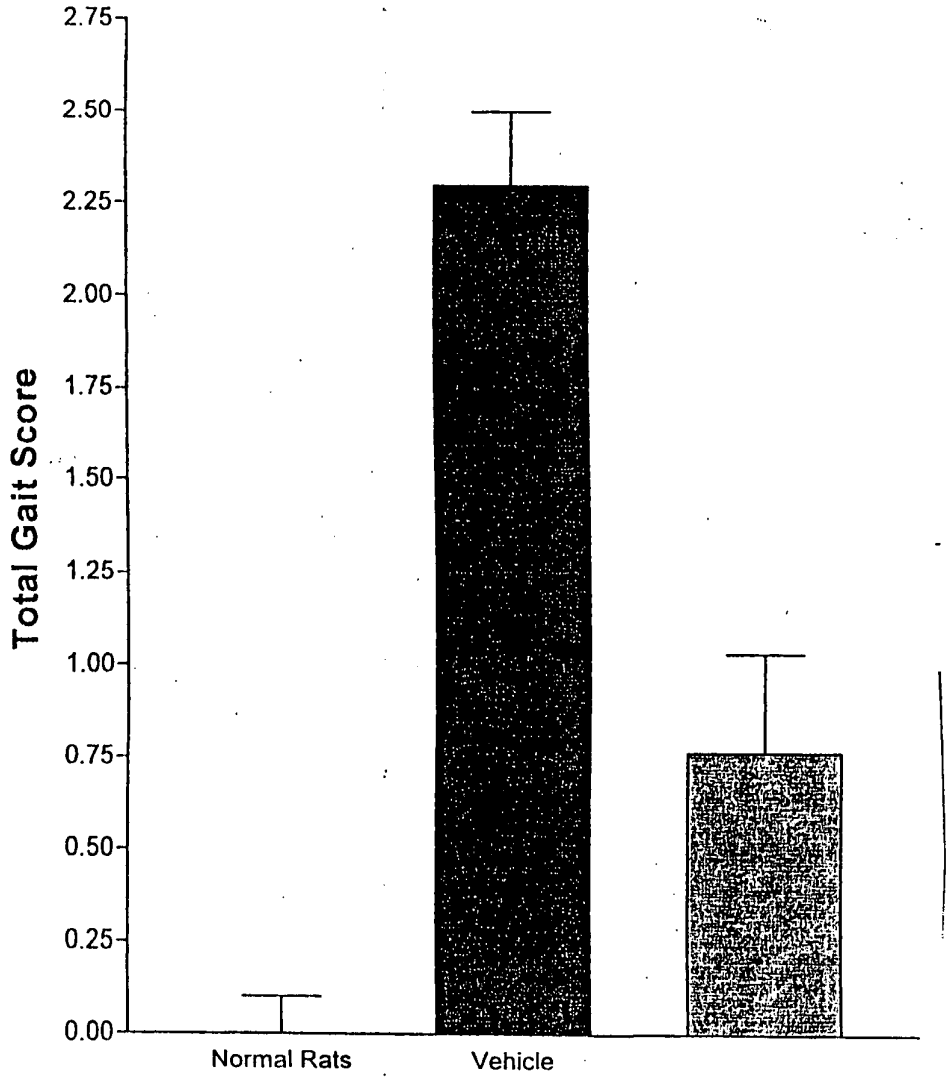


Fig 4

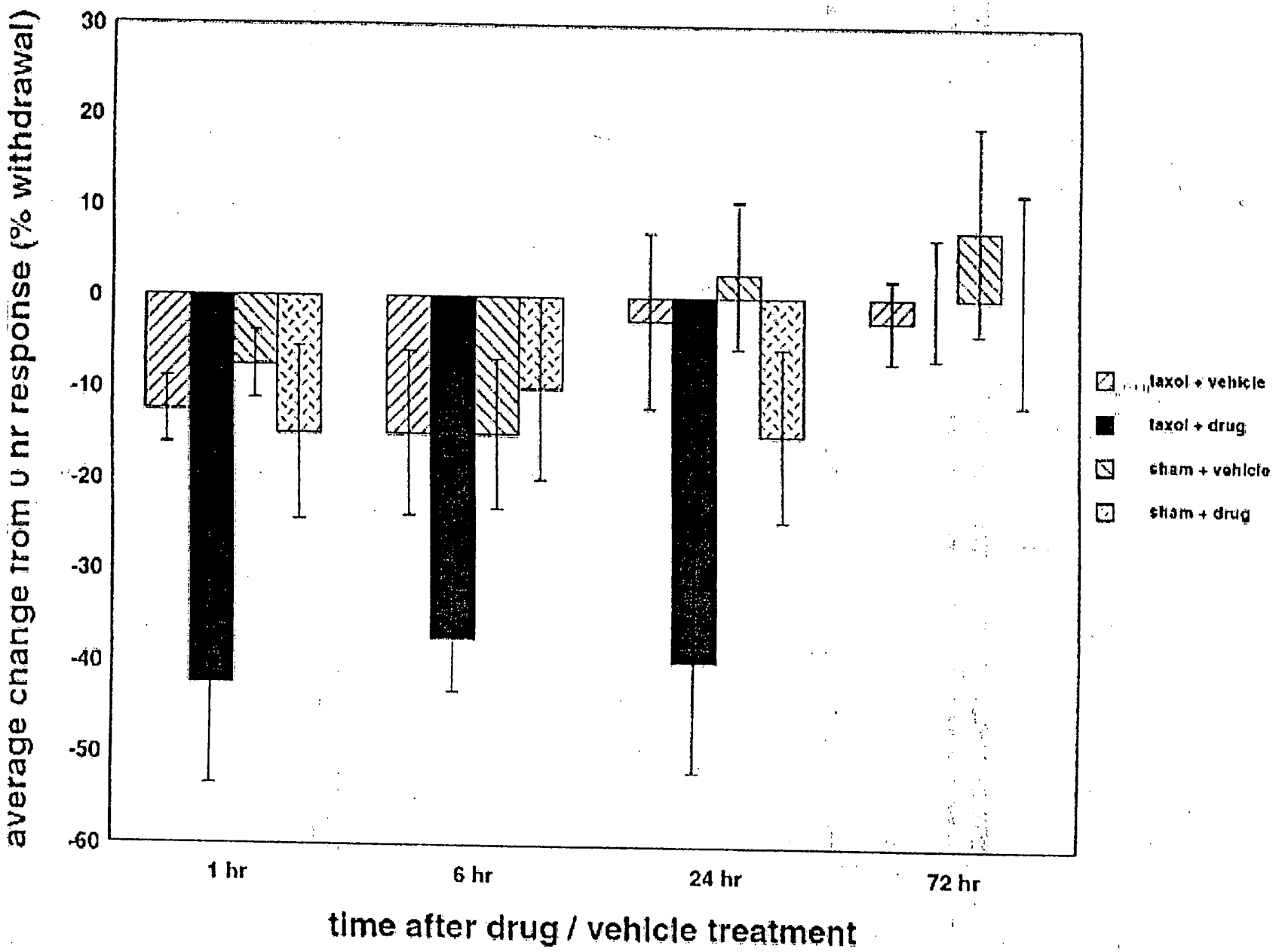
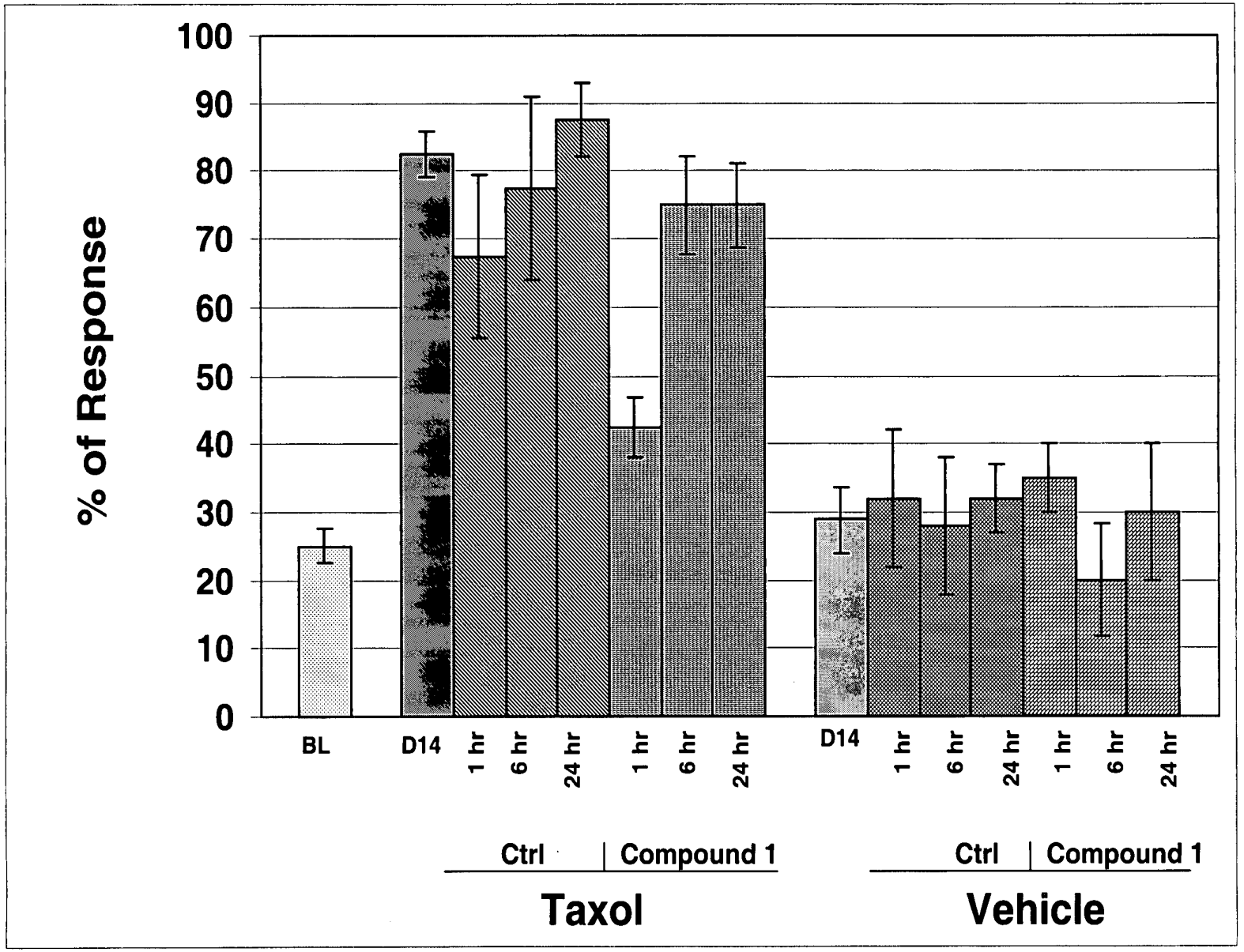

average change from U nr response (% withdrawal)
30
20
10
0
-10
-20
-30
-40
-50
-60
1 hr
6 hr
24 hr
72 hr
time after drug / vehicle treatment
taxol + vehicle
taxol + drug
sham + vehicle
sham + drug

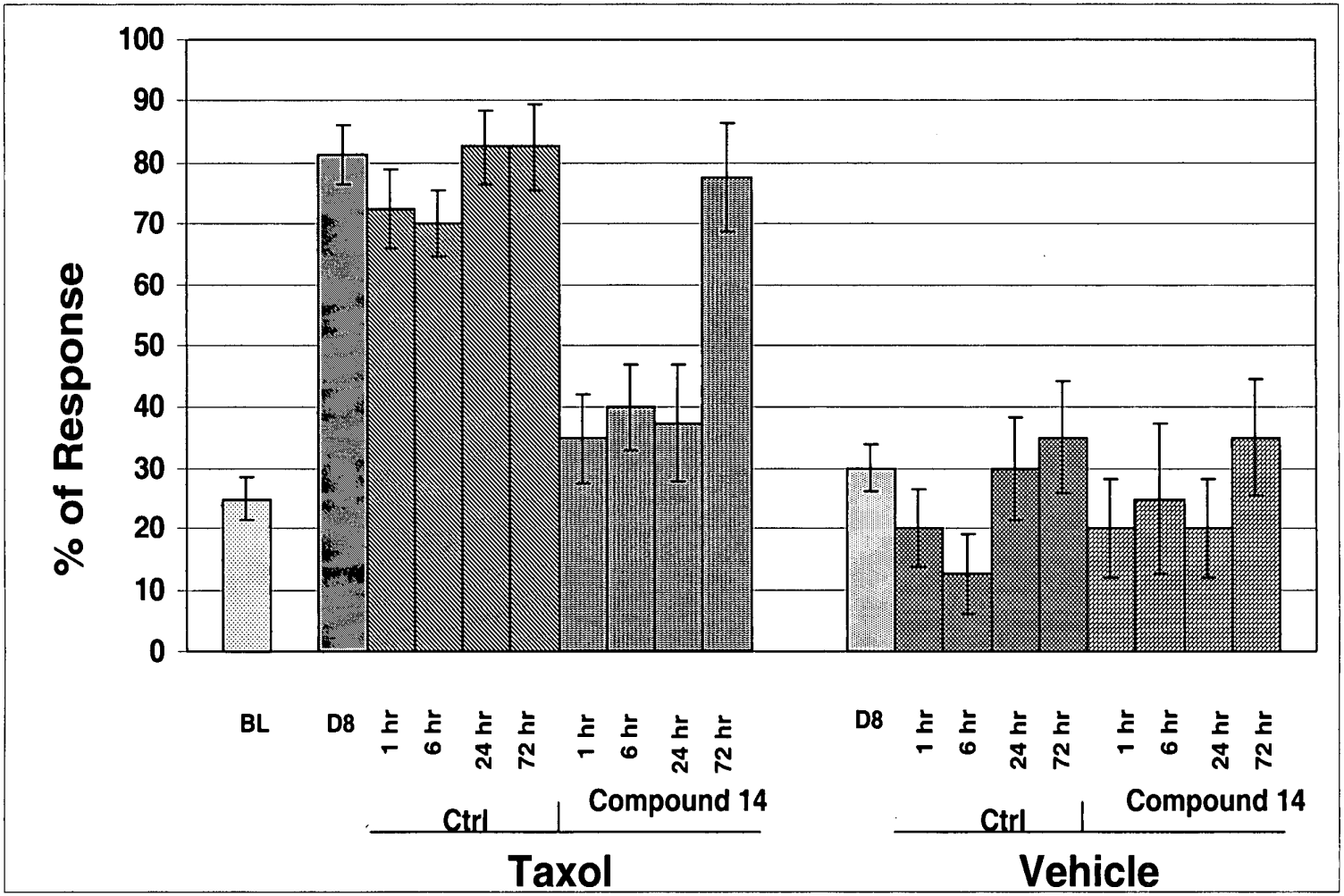
Fig 5

FIG. 6



P=0.028 one tail t-test after one hour dosing; N=8 for each group; von Frey filament: 3.84 mN=0.6 gram

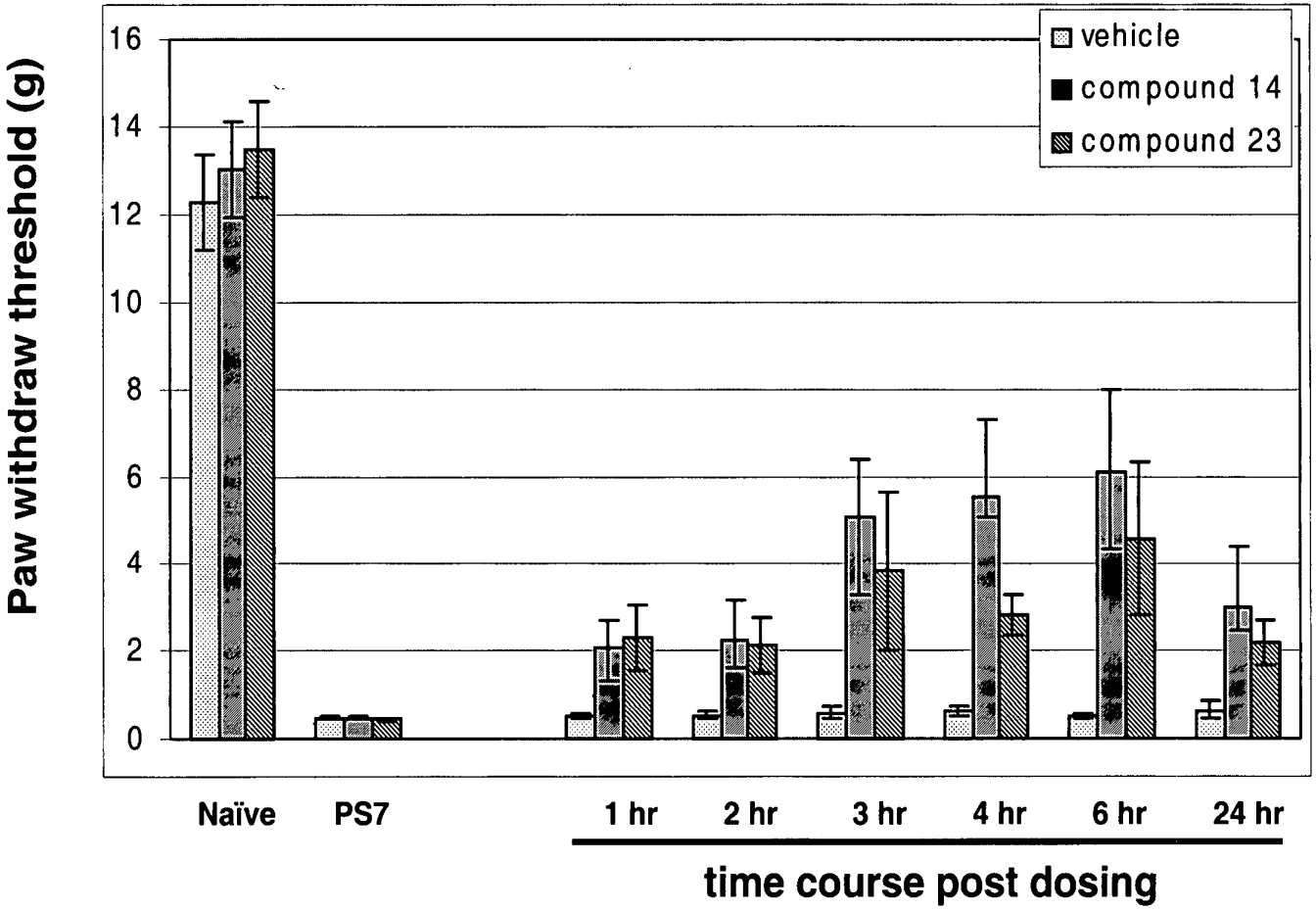
FIG. 7



P value of one tail t-test. N=8 for each group

	1 hour	6 hour	24 hour	72 hour
Compound 14	0.014552	0.029788	0.014685	0.379459

FIG. 8



Compound at 25mg/ml in 2.5%DMSIO/7.5%Cremophor EL/90%saline was administrated via i.p.

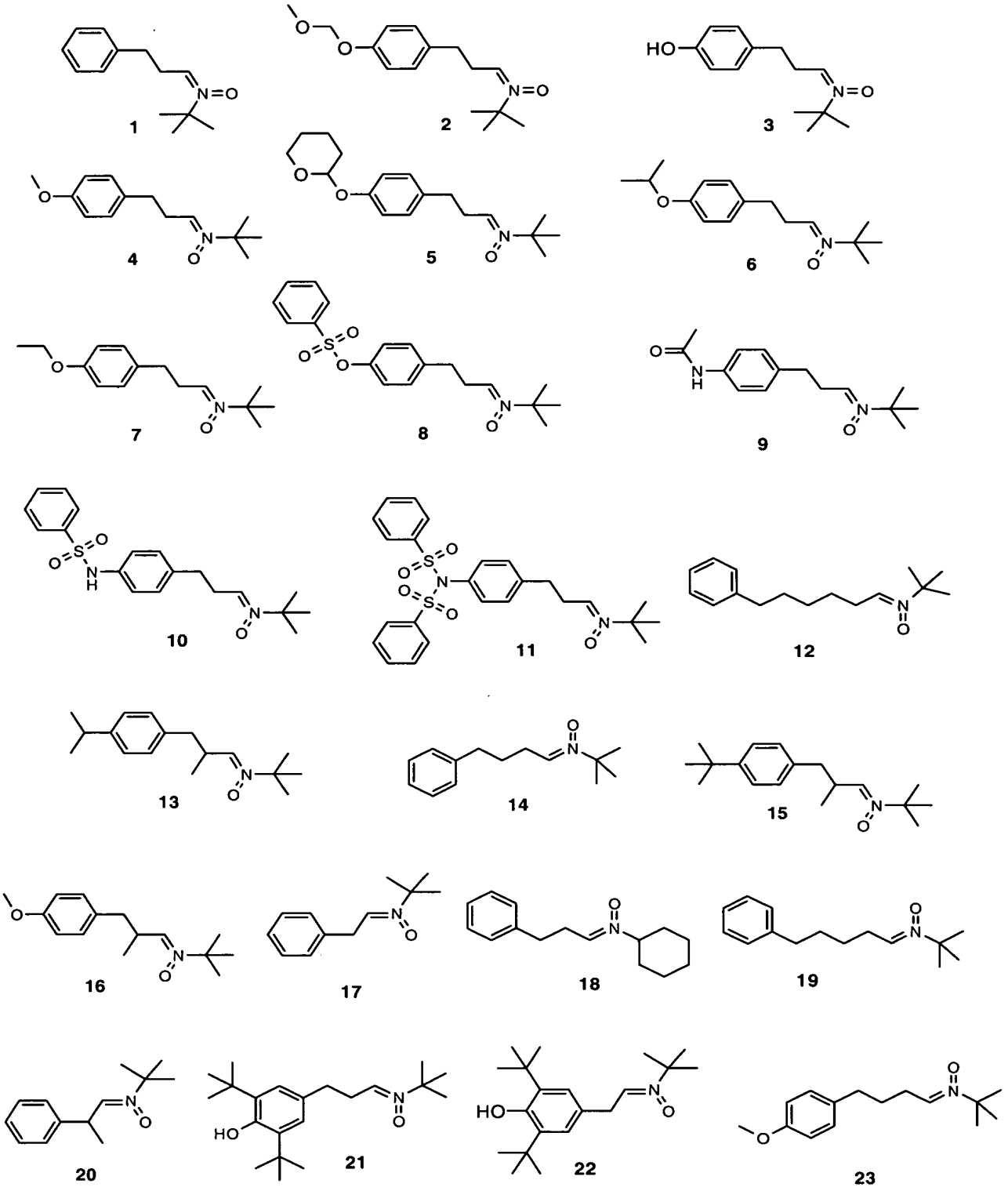


FIG. 9